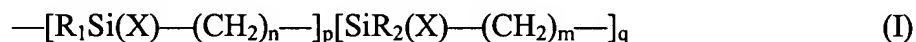


IN THE SPECIFICATION

Please amend paragraph [034] of the specification as indicated below.

[0034] In this aspect of the invention, these advantages are obtained by using polydentate silanes in place of bidentate silanes (such as those described in U.S. Patent Nos. 5,869,724 and 5,948,531, the entire disclosures of which are incorporated herein by reference). Any polydentate silane can be employed in the invention with a repeating structure $-\text{Si}-(\text{C})_x-$, and bearing other additional functionality to impart the desired chromatographic selectivity and performance to the finished product. In one aspect of the invention, ~~polycarbonate-silanes~~ polycarbosilanes are preferably employed in the invention, including ~~polycarbonate-silanes~~ polycarbosilanes with one, two, or more carbon spacers. More preferably in this aspect of the invention, a ~~polycarbonate silane~~ polycarbosilane with a three carbon spacer is employed in the invention. In one aspect of the invention, the polydentate silanes have the molecular formula (I):



where R_1 is an alkyl or aryl group having from 1 to 30 carbon atoms, R_2 is an alkyl or aryl group having from 1 to 30 carbon atoms and may be the same or different than R_1 , R_1 or R_2 include a functional group similar to $-(\text{CH}_2)_3-\text{N}^+\text{Cl}^-$, $-(\text{CH}_2)_2-\text{C}_6\text{H}_4-$, $(\text{CH}_2)_3-\text{C}_6\text{H}_4-\text{SO}_3\text{H}$, $-(\text{CH}_2)_3-\text{O}-\text{CH}_2-\text{CHOH}-\text{CH}_2\text{OH}$, $-(\text{CH}_2)_3-\text{NH}_2$, and $-(\text{CH}_2)_3-\text{CN}$, n is an integer from 1 to 10, m is an integer from 1 to 10, p and q are integers from 0 to 100 (except where $p+q=2$ and where $p+q=0$), and X is a leaving group as described herein.